

OIFE

DATE: 11/21/2001
TIME: 13:39:09RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/981,876Input Set : N:\Crf3\RULE60\09981876.txt
Output Set: N:\CRF3\11212001\I981876.raw

2 <110> APPLICANT: Rosen et al.
4 <120> TITLE OF INVENTION: 70 Human Secreted Proteins
6 <130> FILE REFERENCE: P2001P1
8 <140> CURRENT APPLICATION NUMBER: 09/981876
9 <141> CURRENT FILING DATE: 2001-10-19
12 <150> PRIOR APPLICATION NUMBER: 09/148,545
13 <151> PRIOR FILING DATE: 1998-09-04
15 <150> PRIOR APPLICATION NUMBER: 60/040,162
16 <151> PRIOR FILING DATE: 1997-03-07
18 <150> PRIOR APPLICATION NUMBER: 60/040,333
19 <151> PRIOR FILING DATE: 1997-03-07
21 <150> PRIOR APPLICATION NUMBER: 60/038,621
22 <151> PRIOR FILING DATE: 1997-03-07
24 <150> PRIOR APPLICATION NUMBER: 60/040,161
25 <151> PRIOR FILING DATE: 1997-03-07
27 <150> PRIOR APPLICATION NUMBER: 60/040,626
28 <151> PRIOR FILING DATE: 1997-03-07
30 <150> PRIOR APPLICATION NUMBER: 60/040,334
31 <151> PRIOR FILING DATE: 1997-03-07
33 <150> PRIOR APPLICATION NUMBER: 60/040,336
34 <151> PRIOR FILING DATE: 1997-03-07
36 <150> PRIOR APPLICATION NUMBER: 60/040,163
37 <151> PRIOR FILING DATE: 1997-03-07
39 <150> PRIOR APPLICATION NUMBER: 60/047,615
40 <151> PRIOR FILING DATE: 1997-05-23
42 <150> PRIOR APPLICATION NUMBER: 60/047,600
43 <151> PRIOR FILING DATE: 1997-05-23
45 <150> PRIOR APPLICATION NUMBER: 60/047,597
46 <151> PRIOR FILING DATE: 1997-05-23
48 <150> PRIOR APPLICATION NUMBER: 60/047,502
49 <151> PRIOR FILING DATE: 1997-05-23
51 <150> PRIOR APPLICATION NUMBER: 60/047,633
52 <151> PRIOR FILING DATE: 1997-05-23
54 <150> PRIOR APPLICATION NUMBER: 60/047,583
55 <151> PRIOR FILING DATE: 1997-05-23
57 <150> PRIOR APPLICATION NUMBER: 60/047,617
58 <151> PRIOR FILING DATE: 1997-05-23
60 <150> PRIOR APPLICATION NUMBER: 60/047,618
61 <151> PRIOR FILING DATE: 1997-05-23
63 <150> PRIOR APPLICATION NUMBER: 60/047,503
64 <151> PRIOR FILING DATE: 1997-05-23
66 <150> PRIOR APPLICATION NUMBER: 60/047,592
67 <151> PRIOR FILING DATE: 1997-05-23
69 <150> PRIOR APPLICATION NUMBER: 60/047,581
70 <151> PRIOR FILING DATE: 1997-05-23
72 <150> PRIOR APPLICATION NUMBER: 60/047,584
73 <151> PRIOR FILING DATE: 1997-05-23

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09,981,876

DATE: 11/21/2001
TIME: 13:39:09Input Set : N:\Crf3\RULE60\09981876.txt
Output Set: N:\CRF3\11212001\I981876.raw

75 <150> PRIOR APPLICATION NUMBER: 60/047,500
76 <151> PRIOR FILING DATE: 1997-05-23
78 <150> PRIOR APPLICATION NUMBER: 60/047,587
79 <151> PRIOR FILING DATE: 1997-05-23
81 <150> PRIOR APPLICATION NUMBER: 60/047,492
82 <151> PRIOR FILING DATE: 1997-05-23
84 <150> PRIOR APPLICATION NUMBER: 60/047,598
85 <151> PRIOR FILING DATE: 1997-05-23
87 <150> PRIOR APPLICATION NUMBER: 60/047,613
88 <151> PRIOR FILING DATE: 1997-05-23
90 <150> PRIOR APPLICATION NUMBER: 60/047,582
91 <151> PRIOR FILING DATE: 1997-05-23
93 <150> PRIOR APPLICATION NUMBER: 60/047,596
94 <151> PRIOR FILING DATE: 1997-05-23
96 <150> PRIOR APPLICATION NUMBER: 60/047,612
97 <151> PRIOR FILING DATE: 1997-05-23
99 <150> PRIOR APPLICATION NUMBER: 60/047,632
100 <151> PRIOR FILING DATE: 1997-05-23
102 <150> PRIOR APPLICATION NUMBER: 60/047,601
103 <151> PRIOR FILING DATE: 1997-05-23
105 <150> PRIOR APPLICATION NUMBER: 60/043,580
106 <151> PRIOR FILING DATE: 1997-04-11
108 <150> PRIOR APPLICATION NUMBER: 60/043,568
109 <151> PRIOR FILING DATE: 1997-04-11
111 <150> PRIOR APPLICATION NUMBER: 60/043,314
112 <151> PRIOR FILING DATE: 1997-04-11
114 <150> PRIOR APPLICATION NUMBER: 60/043,569
115 <151> PRIOR FILING DATE: 1997-04-11
117 <150> PRIOR APPLICATION NUMBER: 60/043,311
118 <151> PRIOR FILING DATE: 1997-04-11
120 <150> PRIOR APPLICATION NUMBER: 60/043,671
121 <151> PRIOR FILING DATE: 1997-04-11
123 <150> PRIOR APPLICATION NUMBER: 60/043,674
124 <151> PRIOR FILING DATE: 1997-04-11
126 <150> PRIOR APPLICATION NUMBER: 60/043,669
127 <151> PRIOR FILING DATE: 1997-04-11
129 <150> PRIOR APPLICATION NUMBER: 60/043,312
130 <151> PRIOR FILING DATE: 1997-04-11
132 <150> PRIOR APPLICATION NUMBER: 60/043,313
133 <151> PRIOR FILING DATE: 1997-04-11
135 <150> PRIOR APPLICATION NUMBER: 60/043,672
136 <151> PRIOR FILING DATE: 1997-04-11
138 <150> PRIOR APPLICATION NUMBER: 60/043,315
139 <151> PRIOR FILING DATE: 1997-04-11
141 <150> PRIOR APPLICATION NUMBER: 60/048,974
142 <151> PRIOR FILING DATE: 1997-06-06
144 <150> PRIOR APPLICATION NUMBER: 60/056,886
145 <151> PRIOR FILING DATE: 1997-08-22
147 <150> PRIOR APPLICATION NUMBER: 60/056,877

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/981,876

DATE: 11/21/2001
TIME: 13:39:09

Input Set : N:\Crf3\RULE60\09981876.txt
Output Set: N:\CRF3\11212001\I981876.raw

148 <151> PRIOR FILING DATE: 1997-08-22
150 <150> PRIOR APPLICATION NUMBER: 60/056,889
151 <151> PRIOR FILING DATE: 1997-08-22
153 <150> PRIOR APPLICATION NUMBER: 60/056,893
154 <151> PRIOR FILING DATE: 1997-08-22
156 <150> PRIOR APPLICATION NUMBER: 60/056,630
157 <151> PRIOR FILING DATE: 1997-08-22
159 <150> PRIOR APPLICATION NUMBER: 60/056,878
160 <151> PRIOR FILING DATE: 1997-08-22
162 <150> PRIOR APPLICATION NUMBER: 60/056,662
163 <151> PRIOR FILING DATE: 1997-08-22
165 <150> PRIOR APPLICATION NUMBER: 60/056,872
166 <151> PRIOR FILING DATE: 1997-08-22
168 <150> PRIOR APPLICATION NUMBER: 60/056,882
169 <151> PRIOR FILING DATE: 1997-08-22
171 <150> PRIOR APPLICATION NUMBER: 60/056,637
172 <151> PRIOR FILING DATE: 1997-08-22
174 <150> PRIOR APPLICATION NUMBER: 60/056,903
175 <151> PRIOR FILING DATE: 1997-08-22
177 <150> PRIOR APPLICATION NUMBER: 60/056,888
178 <151> PRIOR FILING DATE: 1997-08-22
180 <150> PRIOR APPLICATION NUMBER: 60/056,879
181 <151> PRIOR FILING DATE: 1997-08-22
183 <150> PRIOR APPLICATION NUMBER: 60/056,880
184 <151> PRIOR FILING DATE: 1997-08-22
186 <150> PRIOR APPLICATION NUMBER: 60/056,894
187 <151> PRIOR FILING DATE: 1997-08-22
189 <150> PRIOR APPLICATION NUMBER: 60/056,911
190 <151> PRIOR FILING DATE: 1997-08-22
192 <150> PRIOR APPLICATION NUMBER: 60/056,636
193 <151> PRIOR FILING DATE: 1997-08-22
195 <150> PRIOR APPLICATION NUMBER: 60/056,874
196 <151> PRIOR FILING DATE: 1997-08-22
198 <150> PRIOR APPLICATION NUMBER: 60/056,910
199 <151> PRIOR FILING DATE: 1997-08-22
201 <150> PRIOR APPLICATION NUMBER: 60/056,864
202 <151> PRIOR FILING DATE: 1997-08-22
204 <150> PRIOR APPLICATION NUMBER: 60/056,631
205 <151> PRIOR FILING DATE: 1997-08-22
207 <150> PRIOR APPLICATION NUMBER: 60/056,845
208 <151> PRIOR FILING DATE: 1997-08-22
210 <150> PRIOR APPLICATION NUMBER: 60/056,892
211 <151> PRIOR FILING DATE: 1997-08-22
213 <150> PRIOR APPLICATION NUMBER: 60/047,595
214 <151> PRIOR FILING DATE: 1997-05-23
216 <150> PRIOR APPLICATION NUMBER: 60/057,761
w--> 217 <151> PRIOR FILING DATE: 05-Sep-1997
219 <150> PRIOR APPLICATION NUMBER: 60/047,599
220 <151> PRIOR FILING DATE: 1997-05-23

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/981,876

DATE: 11/21/2001

TIME: 13:39:09

Input Set : N:\CrF3\RULE60\09981876.txt

Output Set: N:\CRF3\11212001\I981876.raw

222 <150> PRIOR APPLICATION NUMBER: 60/047,588
223 <151> PRIOR FILING DATE: 1997-05-23
225 <150> PRIOR APPLICATION NUMBER: 60/047,585
226 <151> PRIOR FILING DATE: 1997-05-23
228 <150> PRIOR APPLICATION NUMBER: 60/047,586
229 <151> PRIOR FILING DATE: 1997-05-23
231 <150> PRIOR APPLICATION NUMBER: 60/047,590
232 <151> PRIOR FILING DATE: 1997-05-23
234 <150> PRIOR APPLICATION NUMBER: 60/047,594
235 <151> PRIOR FILING DATE: 1997-05-23
237 <150> PRIOR APPLICATION NUMBER: 60/047,589
238 <151> PRIOR FILING DATE: 1997-05-23
240 <150> PRIOR APPLICATION NUMBER: 60/047,593
241 <151> PRIOR FILING DATE: 1997-05-23
243 <150> PRIOR APPLICATION NUMBER: 60/047,614
244 <151> PRIOR FILING DATE: 1997-05-23
246 <150> PRIOR APPLICATION NUMBER: 60/043,578
247 <151> PRIOR FILING DATE: 1997-04-11
249 <150> PRIOR APPLICATION NUMBER: 60/043,576
250 <151> PRIOR FILING DATE: 1997-04-11
252 <150> PRIOR APPLICATION NUMBER: 60/047,501
253 <151> PRIOR FILING DATE: 1997-05-23
255 <150> PRIOR APPLICATION NUMBER: 60/043,670
256 <151> PRIOR FILING DATE: 1997-04-11
258 <150> PRIOR APPLICATION NUMBER: 60/056,632
259 <151> PRIOR FILING DATE: 1997-08-22
261 <150> PRIOR APPLICATION NUMBER: 60/056,664
262 <151> PRIOR FILING DATE: 1997-08-22
264 <150> PRIOR APPLICATION NUMBER: 60/056,876
265 <151> PRIOR FILING DATE: 1997-08-22
267 <150> PRIOR APPLICATION NUMBER: 60/056,881
268 <151> PRIOR FILING DATE: 1997-08-22
270 <150> PRIOR APPLICATION NUMBER: 60/056,909
271 <151> PRIOR FILING DATE: 1997-08-22
273 <150> PRIOR APPLICATION NUMBER: 60/056,875
274 <151> PRIOR FILING DATE: 1997-08-22
276 <150> PRIOR APPLICATION NUMBER: 60/056,862
277 <151> PRIOR FILING DATE: 1997-08-22
279 <150> PRIOR APPLICATION NUMBER: 60/056,887
280 <151> PRIOR FILING DATE: 1997-08-22
282 <150> PRIOR APPLICATION NUMBER: 60/056,908
283 <151> PRIOR FILING DATE: 1997-08-22
285 <150> PRIOR APPLICATION NUMBER: 60/048,964
286 <151> PRIOR FILING DATE: 1997-06-06
288 <150> PRIOR APPLICATION NUMBER: 60/057,650
289 <151> PRIOR FILING DATE: 1997-09-05
291 <150> PRIOR APPLICATION NUMBER: 60/056,884
292 <151> PRIOR FILING DATE: 1997-08-22
294 <160> NUMBER OF SEQ ID NOS: 280

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/981,876

DATE: 11/21/2001

TIME: 13:39:09

Input Set : N:\Crf3\RULE60\09981876.txt

Output Set: N:\CRF3\11212001\I981876.raw

296 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

```

10026 <210> SEQ ID NO: 280
10027 <211> LENGTH: 168
10028 <212> TYPE: PRT
10029 <213> ORGANISM: Homo sapiens
10031 <400> SEQUENCE: 280
10032 Met Ala Ala Ala Leu Trp Gly Phe Phe Pro Val Leu Leu Leu Leu
10033 1 5 10 15
10035 Leu Ser Gly Asp Val Gln Ser Ser Glu Val Pro Gly Ala Ala Ala Glu
10036 20 25 30
10038 Gly Ser Gly Gly Ser Gly Val Gly Ile Gly Asp Arg Phe Lys Ile Glu
10039 35 40 45
10041 Gly Arg Ala Val Val Pro Gly Val Lys Pro Gln Asp Trp Ile Ser Ala
10042 50 55 60
10044 Ala Arg Val Leu Val Asp Gly Glu Glu His Val Gly Phe Leu Lys Thr
10045 65 70 75 80
10047 Asp Gly Ser Phe Val Val His Asp Ile Pro Ser Gly Ser Tyr Val Val
10048 85 90 95
10050 Glu Val Val Ser Pro Ala Tyr Arg Phe Asp Pro Val Arg Val Asp Ile
10051 100 105 110
10053 Thr Ser Lys Gly Lys Met Arg Ala Arg Tyr Val Asn Tyr Ile Lys Thr
10054 115 120 125
10056 Ser Glu Val Val Arg Leu Pro Tyr Pro Leu Gln Met Lys Ser Ser Gly
10057 130 135 140
10059 Pro Pro Ser Tyr Phe Ile Lys Arg Glu Ser Trp Gly Trp Thr Asp Phe
10060 145 150 155 160
10062 Leu Met Asn Pro Met Val Met Met
10063 165

```

E--> 10066 14

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/981,876

DATE: 11/21/2001

TIME: 13:39:11

Input Set : N:\Crf3\RULE60\09981876.txt

Output Set: N:\CRF3\11212001\I981876.raw

L:217 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:449 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:665 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:704 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:907 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:980 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:987 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1236 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:1825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:1827 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:1828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:1842 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:1895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:1896 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:1938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:1953 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:1981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:1982 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:2013 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:2033 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:2095 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:2140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:2143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:2157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:2167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:2190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:2272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:2278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:2338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70
L:2377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71
L:2472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:2504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:2545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:2589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78
L:2591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/981,876

DATE: 11/21/2001

TIME: 13:39:11

Input Set : N:\Crf3\RULE60\09981876.txt

Output Set: N:\CRF3\11212001\I981876.raw

L:2595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78
L:2598 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78
L:2672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79
L:9549 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=258
L:10066 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:280